

[MUFFLER FOR SUCTION SYSTEM EXHAUST AIR USED WITH AN AUTOMATIC CUTTING MACHINE]

Abstract of Disclosure

A noise reduction system for significantly reducing the noise generated by an air turbine used to create suction for automatic cutting tables. The system employs one or more baffles mounted within a closed main housing including noise reduction foam and an exhaust housing lined with noise reduction foam mounted around the baffle exhaust. The direction of the exhaust air is changed 180 degrees and is utilized for cooling the air turbine and electric motor.

Figures